

**Geometry – Algebra Honors
Summer Work Instructions**

Read and follow these directions carefully and thoroughly.

I. Homework instructions:

- All homework is to be done in pencil, in a spiral notebook, which will be handed in for a grade when school begins. Your grade will be based on completeness, correctness, and these directions being followed.
- Each section should begin on a new page.
- Label each assignment with the section number, page number(s) and problems assigned.
- Copy each original problem from the book. For word problems, be sure to define your variable, write an equation, solve it, and answer the question in a sentence.
- Work in columns, top to bottom, on the page.
- Show all work, step by step.
- Read the book if you need help in any section.
- Circle your final answer.
- Check your odd numbered problem answers in the back of the book. Even answers are given at the end of the homework assignments. If correct, mark your answer with a red “C”. If incorrect, try to fix it. If you don’t know how to fix it, put a red question mark next to it.
- When you have completed all the homework, review it and prepare to take the test.
- Bring your homework notebook to class on the first day of school

II. Test directions:

- Review the homework until you are sure of the material.
- Allow yourself enough time to take the test in one sitting. Note your starting time.
- Do all work on the test. If you need more room, do the work on separate loose-leaf, in an orderly fashion, numbering each problem. Staple the work to the back of the test.
- Use a #2 pencil to record all your answers on the Scantron sheet.
- When finished, record the amount of time you spent on the test in the space labeled “Hour”.
- Be sure your name is on the test and Scantron.
- Mail all test materials to me in the envelope provided. Mail it in time to arrive no later than the due date.

Homework Assignments – Chapters 1-3

A calculator is NOT to be used for Chapters 1 & 2.

Chapter 1

Section	Page(s)	Problems
1.1	8	13, 15, 17, 19, 23
1.2	14	19, 21, 23, 35, 37, 39
1.5	30-31	23, 27, 45, 51, 52
1.6	34-35	25, 27, 28, 29, 39, 43

Chapter 2

Section	Page(s)	Problems
2.1	71	21, 33, 49, 53, 55
2.2	76-77	23, 27, 29, 35, 45, 55
2.3	81-82	23, 27, 31, 45, 47
2.4	86-87	31, 43, 45, 53, 57
2.7	106-108	27, 33, 35, 49, 67, 69

Chapter 3

Section	Page(s)	Problems
3.1	124-125	15, 21, 25, 27, 41, 42
3.2	132-133	39, 41, 45, 47, 63
3.3	138-139	29, 33, 39, 40, 41
3.4	146-147	27, 33, 41, 47, 49, 53, 57
3.5	152-153	27, 29, 39, 43, 45, 47
3.6	158-159	29, 31, 35, 39
3.7	162-163	19, 23, 27, 28, 41, 45
3.8	168-169	17, 23, 29, 34, 35, 41
3.9	175-176	23, 25, 29, 31, 35

Even numbered problem answers for Chapters 1-3:

1.5 #52) $x^2 + \frac{3}{4}x$

1.6 #28) The cost is \$270

3.1 #42) *about* 3142 cm^3

3.3 #40) 50 people

3.7 #28) The # is 450.

3.8 #34) $h = \frac{2A}{a+b}$

TAKE THE CHAPTER 1-3 TEST
Due Wednesday June 24

Homework Assignments – Chapters 4-6

Use a straight edge and graph paper for graphs in 4.5, 5.2, 5.3, 6.6

Staple or tape the graph paper to the appropriate section.

Chapter 4

Section	Page(s)	Problem
4.1	195	13, 17, 21, 39, 43, 49
4.3	209	19, 23, 29, 37
4.4	215-216	15, 21, 23, 35, 47 (Do not graph)
4.5	221	17, 21, 25, 27*, 31*
4.6	229-230	17, 21, 25, 26, 29, 33, 37, 41

Chapter 5

Section	Page(s)	Problems
5.1	260-261	15, 25, 27, 29, 45, 47
5.2	268	21*, 31*, 35, 37, 41 (Graph lines using slope and y intercept.)
5.3	275-276	21, 27, 33*, 35*, 39*, 43 (Graph lines using slope and y intercept.)
5.4	284	13, 17, 25, 29, 33
5.5	289-290	17, 19, 23, 33, 43, 53
5.6	296	19, 27, 29, 35, 43

* require graphs

Chapter 6

Section	Page(s)	Problems
6.1	322	25, 27, 45, 49
6.2	329-330	27, 33, 41, 47
6.3	335-336	25, 27, 29, 37, 47, 51
6.4	342	25, 33, 37, 39, 41, 47
6.5	349-350	23, 27, 33, 35, 37, 51
6.6	356-357	17, 19, 27*, 33*, 37*, 45*

* require graphs

TAKE THE CHAPTER 4-6 TEST

Due Wednesday, August 5

Don't forget to bring your notebook to class on the first day of school.

Enjoy the rest of your summer vacation!

CHAPTER 4-6 TEST

Allow yourself enough time to take the entire test in one sitting.

Select the correct answer for each problem and record the answer on your Scantron sheet.

1)

2)

3)

4)

5)

6)

7)

8)

9)

10)

21)

22)

23)

24)

25)

